



NRC Transportation Security Initiatives

DOE TEC Working Group – 7/16/2003
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Regulatory Responsibility for Radioactive Material

- Shared Regulatory Oversight for Transportation Security of Radioactive Material
 - Key agencies: DOT, DHS/TSA, and NRC
- Need for National Consistency
- Recognition of Actual vs. Perceived Risk



Past

- Historically NRC Regulations Focused on Spent Nuclear Fuel (SNF) and Cat I and II Special Nuclear Material (SNM)
- Post 9/11 – NRC Issued Multiple Threat and Safeguards Advisories
- Issued Compensatory Measures (CMs) for Spent Fuel Transport
 - Endorsed industry guidance on the CMs
 - Multiple stakeholder meetings



Present

- Working on CMs for Large Quantities of Radioactive Material (LQ RAM)
 - Coordinating with other Federal agencies (DOT, DHS, DOE)
 - DOT and DHS recent rule impacts on CMs
- Stakeholder Inputs
- Issue CMs and Endorse Implementing Guidance



Future (near term)

- Develop CMs for Cat I and II SNM Transport
- Update Homeland Security Advisory System (HSAS) Guidance for SNF Transport
- Identifying Mitigating Strategies from the Results of Vulnerability Analyses



Future (longer term)

■ International Security Standards

➤ Goals

- Protection of public health and safety
- Harmonization of domestic and international shipment requirements
- Minimization of impacts on commerce



Longer term (cont.)

- IAEA Activities - Code of Conduct
 - Protection of radioactive material at fixed sites and in transport
 - Nuclides of concern
 - Quantities of concern
 - Integration with international modal organization standards



Longer term (cont.)

- IAEA Standards for RAM Transport Security
 - NRC participating in IAEA working groups with DOT
- Follow-up US Rulemakings by DOT, NRC, and DHS on Implementing IAEA Standards